

APPENDIX B

Docket No.: 2771-546-CIP2

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below-named inventors, we hereby declare that our residences, post office addresses, and citizenships are as stated below next to our names.

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "**APPARATUS AND PROCESS FOR SENSING FLUORO SPECIES IN SEMICONDUCTOR PROCESSING SYSTEMS**," the specification of which was filed February 23, 2004 as U.S. Patent Application No. 10/784,750.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims. We acknowledge the duty to disclose information that is material to the patentability and examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56 (a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s) Claimed	Priority		
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

We hereby claim the benefit under Title 35, United States Code, §119(e) and/or §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this specification is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

10/273,036 (Application Number)	October 17, 2002 (Filing Date)	Pending (Status-Patented, Pending, abandoned)
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(Application Number)	(Filing Date)	(Status-Patented, Pending, abandoned)
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We hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

JOHN BOYD, REG. NO. 38,055
MARGARET CHAPPUIS, REG. NO. 45,735

Docket No.: 2771-546-CIP2

STEVEN J. HULTQUIST, REG. NO. 28,021
MARIANNE FUERER, REG. NO. 39,983
TRISTAN FUERER, REG. NO. 52,926
VINCENT K. GUSTAFSON, REG. NO. 46,182

All correspondence in connection with this application should be sent to:

Margaret Chappuis
Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, CT 06810
Telephone: (203) 794-1100

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine and/or imprisonment under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor: **FRANK DIMEO JR.**

Inventor's Signature Frank Dimeo Jr. Date 6/19/05

Residence Address: 27 Crows Nest Lane, 19G, Danbury, CT 06810

Citizenship: US

Mailing Address: same as above

Full Name of Second Inventor: **PHILIP S.H. CHEN**

Inventor's Signature Philip S.H. Chen Date 5/23/05

Residence Address: 26 Budd Drive, Bethel, CT 06801

Citizenship: US

Mailing Address: same as above

Full Name of Third Inventor: **ING-SHIN CHEN**

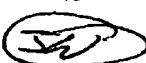
Inventor's Signature Ing-Shin Chen Date 6/15/05

Residence Address: 6 Sleepy Hollow Drive, Danbury, CT 06810

Citizenship: TAIWAN

Mailing Address: same as above

Docket No.: 2771-546-CIP2

Full Name of Fourth Inventor: **JEFFREY W. NEUNER**Inventor's Signature  Date 5/23/05Residence Address: 141 Old Hawleyville Road, Bethel, Connecticut 06801Citizenship: USMailing Address: same as aboveFull Name of Fifth Inventor: **JAMES WELCH**Inventor's Signature  Date 6/15/05Residence Address: St. Lancaster Road, New Fairfield, CT 06812Citizenship: USMailing Address: same as above*45 Sandy Ln. Wolcott, CT. 06716*Full Name of Sixth Inventor: **RICHARD KRAMER**

Inventor's Signature _____ Date _____

Residence Address: 77 Beach Street, Sharon, MA 02067Citizenship: USMailing Address: same as above

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Inventor's Signature _____ Date _____

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Mailing Address: same as above

Full Name of Third Inventor: **ING-SHIN CHEN**

Inventor's Signature _____ Date _____

Residence Address: 6 Sleepy Hollow Drive, Danbury, CT 06810

Citizenship: TAIWAN

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Full Name of Fourth Inventor: JEFFREY W. NEUNER

Inventor's Signature _____ Date _____
Residence Address: 141 Old Hawleyville Road, Bethel, Connecticut 06801
Citizenship: US
Mailing Address: same as above

Full Name of Fifth Inventor: JAMES WELCH

Inventor's Signature _____ Date _____
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Full Name of Sixth Inventor: RICHARD KRAMER

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